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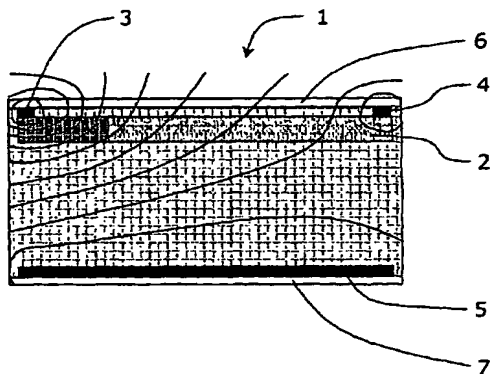
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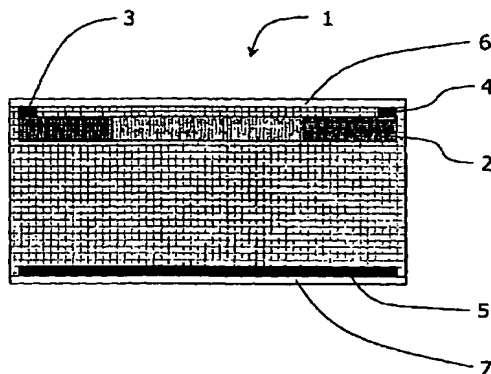
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[Continued on next page]

(54) Title: AN ELECTROCHROMIC DISPLAY WITH ANALOG INTRINSIC FULL COLOR PIXELS



(57) Abstract: A display device comprising a plurality of independently addressable pixels (1). Each pixel comprises: a first substrate (6); a second substrate (7); a polyelectrochromic material (2) disposed between said first substrate (6) and said second substrate (7). At least two independent electrodes (3, 4) are associated with said first substrate (6). An independent counter-electrode (5) is associated with said second substrate (7). Each respective electrode is connected to an independently controllable voltage source. The display device has means for controlling the voltage applied to each respective electrode (3, 4, 5) for producing non-uniform electric fields in each pixel (1), for causing partial switching of the polyelectrochromic material (2) from a first color state to a second color state to generate an area ratio defined pixel color state.



**Declaration under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU,

TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)

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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 4 371 236 A (NICHOLSON MARGIE M) 1 February 1983 (1983-02-01) cited in the application column 2, line 25 - line 27 column 2, line 63 -column 3, line 8 column 3, line 29 - line 31 --- -/--	1-11

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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